

Q1376

THE UNIVERSITY OF WASHINGTON

Presents

# JOHN DANZ LECTURER

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**Dr. Joshua Lederberg**

*Professor and Chairman  
Department of Genetics  
Stanford University*

*"BUT GIVE ME A PLACE  
TO STAND ON . . ."*\*

*Lecture Series*

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KANE HALL

*Admission Complimentary*

\* "... and I will move the Earth" (Archimedes)



Dr. Joshua Lederberg

*"BUT GIVE ME A PLACE  
TO STAND ON . . ."*\*

*Lecture Series*

*Lecture One*

*From garden peas and lobar pneumonia to the double helix: how disciplines shape the advance of science*

*April 10, 1973*

*8:00 p.m.*

*Lecture Two*

*Healthier children: the role of genetic research*

*April 11, 1973*

*8:00 p.m.*

*Lecture Three*

*The impact of society on science: the ambiguity of knowledge*

*April 12, 1973*

*8:00 p.m.*

Dr. Joshua Lederberg is presently Professor and Chairman of the Department of Genetics of Stanford University, where he also is Director of Kennedy Laboratories for Molecular Medicine.

Dr. Lederberg was born May 23, 1925, in Montclair, New Jersey. He earned his bachelor of science degree from Columbia College in 1944 and his doctorate from Yale in 1947. He also holds several honorary doctorates. In 1957, he became a member of the National Academy of Sciences, and, in 1958, at the age of 33, he was awarded the Nobel Prize in medicine for his work in microbial genetics.

He has been a member of many committees and panels, including the President's Panel on Mental Retardation; the President's Science Advisory Committee; study sections of the National Institutes of Health and National Sciences Foundation; NASA committees, Lunar and Planetary Missions Board; National Mental Health Advisory Council; and Arms Control and Disarmament Agency.

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Dr. Lederberg is known for his wide interests, which range over the broad fields of genetics, chemistry, evolution, and the biology of space exploration. Much of his research has been devoted to birth defects, concentrating on genetic defects that cause mongolism and cystic fibrosis, as well as the defective genes that result from German measles. He has the ability to integrate data from a variety of fields into new and meaningful insights, and he has been much interested in the applications of technology, now involving himself with computers and their application to biology and medicine.

Pre-eminent in his field for his concerns regarding the social and ethical problems raised by the "new biology," Dr. Lederberg for many years wrote a column, "Science and Man," for the *Washington Post* and has published widely on various aspects of "genetic engineering."

Dr. Lederberg is deeply interested in the interaction between science and society. As a rational humanist, he is searching for new modes of utilizing modern science and technology for a better and healthier life in a free society.

## **THE JOHN DANZ LECTURESHIPS**

In October, 1961, Mr. John Danz, veteran motion picture theater owner and philanthropist of the Pacific Northwest, and his wife, Jessie Danz, made a major gift to the University of Washington. The gift is called the John Danz Fund and is of enduring benefit to the University and the state of Washington.

The John Danz Fund is used to bring to the University and to the state of Washington each year "... distinguished scholars of national and international reputation who have concerned themselves with the impact of science and philosophy on man's perception of a rational universe."

The terms of the gift also provide the Board of Regents with wide discretion in the use of the income for purposes that will strengthen and advance the academic program of the University.

John Danz Lecturers and Visiting Professors are nominated by the John Danz Committee and appointed by the Board of Regents of the University. The names of previous lecturers and the titles of their lectures are as follows:

JOHN DANZ LECTURERS AND VISITING PROFESSORS

Sir Julian Huxley  
*The Human Crisis*

Dr. Richard Feynman  
*A Scientist Looks at Society*

Sir Fred Hoyle  
*Of Men and Galaxies*

Dr. George Boas  
*The Challenge of Science*

Dr. Francis Crick  
*Of Men and Molecules*

Dr. Isidor Rabi  
*Science and Humanity*

Dr. Loren C. Eiseley  
*Man: The Last Magician*

Dr. Philip Morrison  
*Two Apples: The Affirmation  
of a Physicist*

Sir Rudolf E. Peierls  
*Views from the Other Side*

Dr. R. Buckminster Fuller  
*Humans in Universe*

Dr. Hans A. Bethe  
*Science, Technology, and the  
Quality of Life*

Sir Isaiah Berlin  
*The Assault on the French Enlightenment*

Ian L. McHarg  
*Man and Environment*

Dr. John A. R. Blacking  
*How Musical Is Man?*

Jacquetta Hawkes  
*Nothing But or Something More  
(The Proper Study of Mankind)*

Dr. Conrad H. Waddington  
*Research and Education in Fundamental  
Biology Relevant to Human Welfare*

Dr. Sripati Chandrasekhar  
*World Population Problems.  
An Indian View*

Sir Kenneth Clark  
*Civilisation—Film Series*

Dr. Gregory Vlastos  
*Plato's Universe*

Dr. Allen Newell  
*Man on His Artificial Nature*

Dr. Athelstan Spilhaus  
*The Universe—Down to Earth*

Several of these lectures have been published in book form by the  
University of Washington Press.